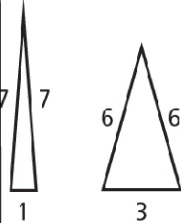


Question	Answer
8.	It is given that $BC = ED = 4$ in. and $BD = EC = 3$ in. So by the def. of $\cong$ , $\overline{BC} \cong \overline{ED}$ , and $\overline{BD} \cong \overline{EC}$ . $\overline{DC} \cong \overline{CD}$ by the Reflex. Prop. of $\cong$ . Thus $\triangle BCD \cong \triangle EDC$ by SSS.
9.	It is given that $\overline{KJ} \cong \overline{LJ}$ and $\overline{GK} \cong \overline{GL}$ . $\overline{GJ} \cong \overline{GJ}$ by the Reflex. Prop. of $\cong$ . So $\triangle GJK \cong \triangle GJL$ by SSS.
10.	It is given that $\angle C$ and $\angle B$ are rt. $\angle$ and $\overline{EC} \cong \overline{DB}$ . $\angle C \cong \angle B$ by the Rt. $\angle \cong$ Thm. $\overline{CB} \cong \overline{BC}$ by the Reflex. Prop. of $\cong$ . So $\triangle ECB \cong \triangle DBC$ by SAS.
11.	When $y = 3$ , $NQ = NM = 3$ , and $QP = MP = 4$ . So by the def. of $\cong$ , $\overline{NQ} \cong \overline{NM}$ , and $\overline{QP} \cong \overline{MP}$ . $m\angle M = m\angle Q = 90^\circ$ , so $\angle M \cong \angle Q$ by the def. of $\cong$ . Thus $\triangle MNP \cong \triangle QNP$ by SAS.
12.	When $t = 5$ , $YZ = 24$ , $ST = 20$ , and $SU = 22$ . So by the def. of $\cong$ , $\overline{XY} \cong \overline{ST}$ , $\overline{YZ} \cong \overline{TU}$ , and $\overline{XZ} \cong \overline{SU}$ . Thus $\triangle XYZ \cong \triangle STU$ by SSS.
14.	SAS
23.	
25.	Measure the lengths of the logs. If the lengths of the logs in 1 wing deflector match the lengths of the logs in the other wing deflector, the $\triangle$ will be $\cong$ by SAS or SSS.